

Abstract Of The Disclosure

Methods and apparatus of forming hydrogel systems in situ are provided using a delivery system configured to deliver two or more fluent prepolymer solutions without premature crosslinking. The delivery system comprises separate first and second lumens coupling first and second inlet ports and first and second outlet ports, respectively, and may include a balloon, flexible distal region, mixing chamber or steerable distal end. Multi-component hydrogel systems suitable for use with the inventive methods and apparatus are also described.